

**IN THE SPECIFICATION**

- 1) Please amend the paragraph on Page 1, lines 6-8, as follows:

U.S. Patent Application Ser. No. 10/455,292 filed on June 5, 2003, which issued as U.S. Patent No. 6,777,639 on August 17, 2004, entitled "Radial Pulsed Arc Discharge Gun For Synthesizing Nanopowders", having Kurt Schroder and Doug Jackson as inventors, and assigned to the assignee of the present invention.

- 2) Please amend the sentence on Page 1, lines 26-27, as follows:

A still further improvement in nanopowder production is provided by the nanopowder synthesis system disclosed in U.S. Patent Application Ser. No. 10/455,292, which issued as U.S. Patent No. 6,777,639.

- 3) Please amend the sentence on Page 2 , lines 13-15, as follows:

Figure 4 of U.S. Patent Application Ser. No. 10/455,292, which issues as U.S. Patent No. 6,777,639, ~~patent~~ discloses a composite electrode embodiment of the above radial gun, where the electrodes are each seated within hollow ablative bodies to form composite electrodes.

- 4) Please amend the sentences on Page 10, lines 28-31, as follows:

A conducting wire 83 is connected to the negative output of the pulsed power supply 37 and to the negative terminal of solenoid magnet 82. A conducting wire 87 connects the ~~positive~~ negative terminal of the solenoid magnet 81 to the ~~negative~~ positive terminal of the solenoid magnet 82, thereby connecting the solenoid magnets in series.

5) Please amend the sentence on Page 11, lines 25-26, as follows:

Typically, the replaceable shield is composed of a polycarbonate material which coats the nanopowder during the synthesis process and thereby reduces nanoparticle agglomeration.